



Voluntary Report - public distribution

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**China, People's Republic of**  
**Food and Agricultural Import Regulations and**  
**Standards**  
**Food Additive Hygiene Standards (2000 Supplement)**  
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**Report Highlights:**

**This is an UNOFFICIAL translation of the People's Republic of China Food Additive Hygiene Standard (2000 Supplement) and should be used as a guide only. Exporters should carefully consider regulations and their application with Chinese importers to ensure that their interpretation of the regulation is accurate.**

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Includes PSD changes: No  
Includes Trade Matrix: No  
Unscheduled Report  
Beijing [CH1], CH

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### Summary

This Standard complements Food Additive Hygiene Standard (GB2760-1996) (CH1046). The Standard indicates food additives that are permitted for use. The Standard governs the use, extent, and dosage of existing categories of food additives used in China. Food additives not mentioned in this Standard nor other complementary standards and food additives not approved for extension to foods may still be subject to regulation and registration. The Ministry of Health is the regulatory body with statutory authority over food additives. These regulations were first published in Chinese on 30 March 2000.

### Food Additive Hygiene Standard (Added Varieties in 2000)

Weitong [2000] No. 1

In order to enforce the "Food Hygiene Law of the People's Republic of China", strengthen the supervision and management of food hygiene and to secure people's health, an enforceable "Hygiene Standard for the use of Food Additives" (Added Varieties in 2000) is approved to be carried through from May 1, 2000.

#### 1. Scope of the Standard

The present Standard stipulates the usable variety of food additives, the scope of application and the maximum dosage level. The present Standard is applicable to the hygiene standard for use of the newly added food additives applied for and submitted by the application unit in the year of 1999 as well as to the enlarged scope of application and dosage of some existing categories. The present Standard is the continuance of the "Hygiene Standard for the Use of Food Additive" (GB 2760-1996).

#### 2. Cited Standards

The clauses in the following standards, though referenced in this Standard, constitute all standards at the time of publication and such edition is effective. All standards are subject to revision and all parties that apply the standards should study the possible application of the latest editions of the following standards.

GB 2760-1996	Hygiene Standard for the Use of Food Additive
GB 12493-1990	Classification and Numbering of Food Additives
GB 14880-1994	Hygiene Standard for Use of Nutritional Fortification Substances in Foods

#### 3. Newly added varieties of food additives

Refer to the attached table 1 for the newly added varieties of food additives.

Table 1 Added Varieties of Food Additives

Category (code)	Name of food additives	Scope of application	Maximum dosage g/kg	Note
Acidity regulator (01.0)	Tripotassium phosphate	Non-carbonated drinks	1.5	Coca-cola (China) Co., Ltd.
Enzyme preparation (11.0)	transglucosid ase L (Aspergillus niger )	Oligo-isomaltose production process	Appropriate dose level as required in production	Japan Tianye Pharmaceutical Co., Ltd. Beijing Kaisai Biotechnology Co., Ltd.
	Fungus amylase (Aspergillus oryzae)			
Humectant (15.0)	Sodium lactate 60%	Meat and poultry products Candy Dumpling wrappers	30102.4	Singapore (China) Pulake Company, Shanghai Office Taohua Datong Food Co., Ltd.
	Potassium lactate 60%	Meat and poultry products Candy	3010	Singapore (China) Pulake Company, Shanghai Office
Nutritional fortification Substances (16.0)	Docosahexenoic acid (DHA) (Crytheco dinium cohnll)	Infant formula milk powder	0.4~1.8	America Hui Family Pharmaceutical Plant (China) Co., Ltd.
Nutritional fortification Substances (16.0)	Docosahexenoic acid (DHA) (tuna oil)	Infant formula milk powder Milk powder for pregnant and lying-in women	0.4~1.8 0.3~0.5	Japan Meiji Dairy Co., Ltd.
	Arachidonic acid (ARA) (Mortierella alpina)	Infant formula milk powder	1.6~2.6	America Hui Family Pharmaceutical Plant (China) Co., Ltd.
	Selenium rich-food fungus powder	Refer to stipulations of GB 14880		Beijing Kangbixi Biotechnology Co., Ltd.
	Stable vitamin A	Refer to stipulations of GB 14880		Zhejiang Gaocheng Biological Nutrition Technology Co., Ltd. Stabilizing agent, polypropylene resin
	Stable vitamin B <sub>1</sub>			
	Stable vitamin B <sub>2</sub>			
	Stable vitamin E			
	Ferro-glycinate	Refer to stipulations of GB 14880		Beijing Changjian Medicine New Technology Research Institute (Produced in Albion Lab Inc. USA)
Sweetener (19.0)	D-Mannitol	Sugar-free chewing gum	200	Arrow Brand Chewing Gum Co., Ltd.
Thickener (20.0)	Hydroxypropyl oxide starch	All foods	Appropriate dose level as required in production	Singapore Guomin Starch Chemistry (Asia) Private Co., Ltd.
	Phospholipo di-starch	All foods	Appropriate dose level as required in production	
	Faenum graecum gum	Cold drinks Roasted foods Candy Flour	0.1 0.15 0.2 0.3	Tianjin Pharmaceutical Co., Ltd.

	Sodium polyacrylate	All foods	2	Japan Chemical Medicine Co., Ltd.
	Shahao gum	Dumpling flour, fine dried noodles, coarse grain flour Instant noodle Ham sausages	0.3 0.5	Beijing Mentougou Tianyuan Plant Gum Food Factory

#### 4. Varieties of enlarged scope of application

Please refer to table 2 for varieties of enlarged scope of application.

Table 2: Varieties of enlarged scope of application

Category (code)	Name of food additives	Scope of application	Maximum dosage g/kg	Note
Acidity regulator (01.0)	Calcium phosphate	Non-carbonated drinks	2	Coca-Cola (China) Co., Ltd.
Anti-foaming agent (03)	Poly-dimethylsilicone emulsion	Fruit juice, concentrated fruit juice powder, drinks, quick-dissolving foods, ice cream, spice, jam and vegetable processing process fermentation process, caramel coloring process	50mg/kg  100mg/kg	Dow Corning Inc. Beijing Office
Antioxidant (04)	Vitamin E	Fried foods (calculated by oil and fats) Food oil and fats	200mg/kg  Appropriate dose level as required in production	Panda P & G (China) Company
Colorant (08)	Erythrosine	Peach-shaped birthday cake	0.025	Taohua Datong Food Co., Ltd.
	Citric yellow and its Alum Lake	Peach-shaped birthday cake	0.02	
		Solid beverage bases Extruded food, fried snacks	0.1(diluted) 0.1(calculated as citric yellow)	Panda P & G (China) Company
		Biscuit filling	0.05	United Biscuit (China) Co., Ltd.
	Sunset yellow and Sunset Yellow Alum Lake	Biscuit filing	0.1	
		Solid beverage bases Extruded food, fried snacks	0.1(diluted) 0.1(calculated as sunset yellow)	Panda P & G (China) Company
	Amaranthus Red	Sandwich of Waffle biscuit	0.05	United Biscuit (China) Co., Ltd.
	Rouge Red	Sandwich of Waffle biscuit	0.05	
	Brilliant Blue FCF Brilliant Blue FCF Alum Lake	Peach-shaped birthday cake Sandwich of waffle biscuit	0.025 (calculated by brilliant blue FCF)	Taohua Datong Food Co., Ltd. United Biscuit (China) Co., Ltd.
		Extruded food, fried snacks	0.05	Panda P & G (China) Company
	Indigotine	Sandwich of Waffle biscuit	0.1	United Biscuit (China) Co., Ltd.
	Titanium dioxide	Chewing gum Solid drinks	5 appropriate dose level as required in production	Arrow Brand Chewing Gum Co., Ltd. Panda P & G (China) Company
	Tempt Red Tempt red Alum Lake	Extruded food, fried snacks	0.1 (calculated by Tempt Red)	Panda P & G (China) Company Pepsi Food (China) Co., Ltd.
	Turmeric Yellow	Biscuit sandwich	0.05 (calculated by curcumin )	United Biscuit (China) Co., Ltd.
		Flavoring , fried snacks	Appropriate dose level as required in production	Panda P & G (China) Company
	Acid red	Sandwich of Waffle biscuit	0.05	United Biscuit (China) Co., Ltd.
	Capsanthin	Roast pork stuffing	0.01	Taohua Datong Food Co., Ltd.

	Gardenia Yellow	Wrapper for the steamed dumpling with dough gathered at the top, Stuffing of milk yellow steamed dumpling	1.0 (calculated by wrappers) 0.2 (dumpling stuffing)	
	Caramel Color (plain)	Roast pork stuffing	Appropriate dose level as required in production	
Colorant (08)	Puccoon	Biscuit, sandwich biscuit, candy, pastry, pastry decoration	0.1	Beijing Jinye New Century Industry Trading Co., Ltd.
Emulsifier (10.0)	Diacetyl Tartaric Acid mono (Di) Glyccride	All foods	Appropriate dose level as required in production	Panda P & G (China) Company
	Magnesium stearate	Candied fruit	0.8	Guangdong Fenhuang Food Industry Co., Ltd.
Enzyme preparation (11.0)	Glucose-oxidase (Aspergillus niger )	Wheaten flour	780 GODF	Nuhanude (China) Company
Humectant (15.0)	Sodium tripolyphosphate	Shrimp and fish products	1	Taohua Datong Food Co., Ltd.
	Sodium pyrophosphate	Shrimp and fish products	1	
Nutrition enhancer (16.0)	Taurine	Soymilk powder, soy bean powder, Soy-bean milk,	0.3~0.5 0.06~0.1	Food Research Institute of Wei wei Group
	Vitamin A	Soymilk powder and soy bean powder Soy-bean milk and soymilk	3000~7000 : g/kg 600~1400: g/kg	Food Research Institute of Wei wei Group
		Fruit jelly	600~1000: g/kg	Kunshan United Enterprise Food Co., Ltd.
	Vitamin D	Lotus root starch	2000~4000IU	Beijing Tianrun Food Factory
		Soymilk powder and soy-bean powder Soy-bean milk and soymilk	15~60: g/kg 3~15: g/kg	Food Research Institute of Wei wei Group
		Fruit jelly	10~40: g/kg	Kunshan United Enterprise Food Co., Ltd.
	Vitamin E	Milk contained solid beverage bases	7.67~9.15mg/100g	Tianjin Gaolegao Food Co., Ltd.
		Soymilk powder and soy bean powder Soy-bean milk and soymilk	30~70mg/kg 5~15mg/kg	Food Research Institute of Wei wei Group
	Vitamin B <sub>1</sub>	Gum based candy	16~33mg/kg	Shanghai Bufandi Candy Co., Ltd.
		Milk contained solid beverage bases	0.89~1.87mg/100g	Tianjin Gaolegao Food Co., Ltd.
		Soymilk powder and soy bean powder Soy-bean milk and soymilk	6~15mg/kg 1~3mg/kg	Food Research Institute of Wei wei Group
	Vitamin B <sub>2</sub>	Gum based candy	16~33mg/kg	Shanghai Bufandi Candy Co., Ltd.
		Milk contained solid beverage bases	0.9~1.65mg/100g	Tianjin Gaolegao Food Co., Ltd.

		Soymilk powder and soy bean powder Soy-bean milk and soymilk	6~15mg/kg 1~3mg/kg	Food Research Institute of Wei wei Group
Nutrition enhancer (16.0)	Vitamin C	Gum based candy	630~1260mg/kg	Shanghai Bufandi Candy Co., Ltd.
		Soymilk powder, soy-bean powder	400~700mg/kg	Food Research Institute of Wei wei Group
		Fruit jelly	120~240mg/kg	Kunshan United Enterprise Food Co., Ltd.
		Hard candy	2~6	Huana Guangzhou Co., Ltd.
	Nicotinic acid	Solid beverage bases	160~330mg/kg	Shanghai Bufandi Candy Co., Ltd.
		Soymilk powder and soy bean powder Soy-bean milk and soymilk	60~120mg/kg 10~30mg/kg	Food Research Institute of Wei wei Group
		Milk contained solid beverage bases	12.0~15.6 mg/100g	Tianjin Gaolegao Food Co., Ltd.
	Folic acid	Special milk powder for pregnant and lying-in women	740: g/100g (Dose level of 54g/d shall be noted on the label)	Japan Meiji Dairy Co., Ltd.
		Milk contained solid beverage bases	0.23~0.38 mg/100g	Tianjin Gaolegao Food Co., Ltd.
	Vitamin B <sub>6</sub>	Milk contained solid beverage bases	1.20~1.58 mg/100g	Tianjin Gaolegao Food Co., Ltd.
	Pantothenic acid	Milk contained solid beverage bases	4.88~6.53 mg/100g	Tianjin Gaolegao Food Co., Ltd.
	Ferrous fumarate	Milk contained solid beverage bases	28.9~38 mg/100g	Tianjin Gaolegao Food Co., Ltd. (9.5~12.5mg/100g calculated by Fe)
	ferrous lactate	Soymilk powder, soy-bean powder	200~500mg/kg	Food Research Institute of Wei wei Group (46~116 mg/kg calculated by Fe element)
	Calcium hydrogen phosphate (5H <sub>2</sub> O)	Milk contained solid beverage bases	44~56	Tianjin Gaolegao Food Co., Ltd.(7.8~10g/kg as Ca element)
	Citric acid, calcium malate	Milk drinks	Implemented in accordance with stipulations of GB14880	American PG Company
	Calcium carbonate	Soymilk powder, soy-bean powder	4~20	Food Research Institute of Wei wei Group (1.6~8 as Ca element)
		Soft drinks	0.4~3.4	Coca-Cola (China) Co., Ltd. (0.16~1.35g/kg as Ca element)
		Lotus root starch	6~8	Beijing Tianrun Food Factory (2.4~3.2 as Ca element)
	Calcium lactate	Fruit jelly	3~6	Kunshan United Enterprise Food Co., Ltd. (390~800mg/kg as Ca element)
Nutrition enhancer (16.0)	Calcium lactate	Soft drinks	1.2~10.4	Coca-Cola (China) Co., Ltd.
	Calcium chloride	Soft drinks	0.44~3.7	
	Calcium citrate	Soft drinks	0.76~6.5	Calculated by Ca element: 160~1350 mg/kg
	Calcium gluconate	Soft drinks	1.78~14.9	

	Zinc sulfate Anhydrous Containing one molecule of Crystallized water Zinc gluconate	Soft drinks	7.4~19.8mg/kg 8.2~22.0mg/kg 21.0~56mg/kg	Coca-Cola (China) Co., Ltd. (as Zn element: 3~8mg/kg)
	Zinc lactate	Milk contained solid beverage bases	431.9~568.2 mg/kg	Tianjin Gaolegao Food Co., Ltd. (9.5~12.5mg/100g as Zn element)
		Soy milk powder, soy-bean powder	130~250 mg/kg	Food Research Institute of Wei wei Group (29~55.5mg/1000g calculated by Zn element) (calculated by P element: 0.6~3.7g/kg)
	Calcium phosphate	Soy milk powder, soy-bean powder	3~20	
	Sodium selenite	Infant formula milk powder	224: g/kg	America Hui Family Pharmaceutical (China) Co., Ltd. (Calculated by Se: equivalent to 6~13: g/100g milk powder)
Sweetener (19.0)	Sodium salt of saccharin	Dried fruit, nutlet, spiced beans, fried beans	1	Shanghai Grocery Business Industry Association
		Preserved prunes, preserved apricots, glycyrrhizic olives, glycyrrhizic kumquat. Dried mango and dried figs	5.0 1.5	Guangdong Fenuang Food Industry Co., Ltd.
	Xylitol	Eight-treasure rice can (steamed glutinous rice with bean paste, lotus seeds, preserved fruit, etc.)	35	Hangzhou Wahaha Group Company
	Potassium Acetyl Sulfanilate	Sugar-free chewing gum	4	Arrow Brand Chewing Gum Co., Ltd.
	Stevioside	Solid beverage bases, fried snacks and flavorings	Appropriate dose level as required in production	Panda P & G (China) Company
	Sorbitol	Fried snacks and flavorings	Appropriate dose level as required in production	
Thickener (20.0)	Xanthan gum	Dumpling wrappers (shrimp dumpling, fish skin dumpling, etc)	1.0 (calculated by wrappers)	Taohua Datong Food Co., Ltd.
		Drinks and solid beverage bases, fried snacks	Appropriate dose level as required in production	Panda P & G (China) Company
	Acetic distarch adipate	All foods	Appropriate dose level as required in production	Singapore Guomin Starch Chemistry (Asia) Private Co., Ltd.

## Annex A (Annex for the Standard)

## List of food flavorings

A1 There are altogether 3 types food flavorings permitted for use. Please refer to Table A1.

Table A1

Ser. No.	Descriptions	Code
1	Garlic oil ( <i>Allium sativum</i> l)	2503
2	Extractives of quillaia skins ( <i>Quillaja saponaria</i> Molina)	2973
3	Yucc mohave extractives( <i>Yucca</i> spp.)	3121